16	$3y(2y + 1) - y^2 = 8$ **or** $x = \frac{8+y^2}{3y} \rightarrow \frac{8+y^2}{3y} - 2y = 1$ **or** $_\ 3xy - y^2 = 8$ $3xy - 3y \times 2y = 3y \times 1$ oe	$3x\left(\frac{x-1}{2}\right) - \left(\frac{x-1}{2}\right)^2 = 8$ oe			M1	correct first step eg substitution by eg $x = 1 + 2y$ or $y = \frac{x-1}{2}$ to get an equation in a single variable **or** writing 2nd equation with x the subject and substituting into 1st **or** multiplying 2nd equation by $3y$ and subtracting from 1st oe
	eg $5y^2 + 3y - 8$ (= 0)	eg $5x^2 - 4x - 33$ (= 0)			A1	for a correct simplified quadratic
	$(5y + 8)(y - 1)$ (= 0) or $\frac{-3 \pm \sqrt{3^2 - 4 \times 5 \times (-8)}}{2 \times 5}$	$(5x + 11)(x - 3)$ (= 0) or $\frac{4 \pm \sqrt{(-4)^2 - 4 \times 5 \times (-33)}}{2 \times 5}$			M1ft	dep on M1 for solving their 3 term quadratic equation using any correct method (allow one sign error and some simplification – allow as far as $\frac{-3 \pm \sqrt{9+160}}{10}$) or if factorising, allow brackets which expanded give 2 out of 3 terms correct)
	$y = -\frac{8}{5}$ and $y = 1$ (both)	$x = -\frac{11}{5}$ and $x = 3$ (both)			A1	dep on first M1
			$x = -\frac{11}{5}, y = -\frac{8}{5}$ $x = 3, y = 1$	5	A1	oe dep on first M1 Must be paired correctly
						Total 5 marks